

Safety Data Sheet

SO-SURE Zinc Chromate Aerosol Primer

SDS Revision Date:



maintain concentrations of particulates and any vapor below occupational exposure limits suitable respiratory protection must be worn.

Other Work Practices Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:

9. Physical and chemical properties

Appearance	Green Liquid/Gas
Odor	Solvent/Paint
Odor threshold	Not Measured
pH	Not Measured
Melting point / freezing point	Not Measured
Initial boiling point and boiling range	Not Measured
Flash Point	Propellant < 0 F
Evaporation rate (Ether = 1)	slower than ether
Flammability (solid, gas)	Flam. Aerosol 1; H222 Extremely flammable aerosol
Upper/lower flammability or explosive limits	Lower Explosive Limit: 1.1 Upper Explosive Limit: 12.8
Vapor pressure (Pa)	Not Measured
Vapor Density	>1 (Heavier than Air)
Specific Gravity	0.779 (6.49 lb/gal)
Solubility in Water	Insoluble
Partition coefficient n-octanol/water (Log Kow)	Not Measured
Auto-ignition temperature	Not Measured
Decomposition temperature	Not Measured
Viscosity (cSt)	Not Measured
VOC %	58% by wt, 4.93 lb/gal (minus water and exempt solvents)
% Volatile (by volume)	91.6
HAPS (lbs/gal)	0.0
HAPS (lbs/gal of Solids)	0.0
HAPS (lbs/lb of Solids)	0.0
Maximum Incremental Reactivity	0.67

9.2. Other information

No other relevant information.

10. Stability and reactivity

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10.1. Reactivity

Hazardous Polymerization will not occur.

10.2. Chemical stability

Stable under normal circumstances.

10.3. Possibility of hazardous reactions

No data available.

10.4. Conditions to avoid

Avoid contact with open flame, sparks or hot surfaces.

10.5. Incompatible materials

Avoid contact with strong acids and bases. Contact with strong oxidizers may cause fire and explosion.

10.6. Hazardous decomposition products

Oxides of carbon and nitrogen, low molecular weight hydrocarbons and organic acids.

11. Toxicological information

Acute toxicity

Exposure to solvent vapor concentrations from the component solvents in excess of the stated occupational exposure limits may result in adverse health effects such as mucous membrane and respiratory system irritation and adverse effects on the kidneys, liver and central nervous system. Symptoms include headache, nausea, dizziness, fatigue, muscular weakness, drowsiness and in extreme cases, loss of consciousness.

Repeated or prolonged contact with the preparation may cause removal of natural fat from the skin resulting in dryness, irritation and possible non-allergic contact dermatitis. Solvents may also be absorbed through the skin. Splashes of liquid in the eyes may cause irritation and soreness with possible reversible damage.

Based upon animal testing, the C9 aromatic hydrocarbon components (trimethylbenzenes and ethylmethylbenzenes) are presumed to cause fetal toxicity and/or decreased fetal and newborn weights if overexposure occurs during the early gestation period.

Ingredient	Oral LD50, mg/kg	Skin LD50, mg/kg	Inhalation Vapor LD50, mg/L/4hr	Inhalation Dust/Mist LD50, mg/L/4hr	Inhalation Gas LD50, ppm
Petroleum gases, liquefied, sweetened - (68476-86-8)	No data available	No data available	No data available	No data available	No data available
Acetone - (67-64-1)	2,000.00, Rat - Category: 4	2,000.00, Rabbit - Category: 4	76.00, Rat - Category: NA	No data available	No data available
N-Butyl Acetate - (123-86-4)	10,700.00, Rat - Category: NA	17,600.00, Rabbit - Category: NA	No data available	No data available	No data available

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Chromic acid (H ₂ CrO ₄), zinc salt (1:1) - (13530-65-9)	No data available	No data available	No data available	No data available	No data available
Aliphatic Hydrocarbon - (64742-49-0)	5,000.00, Rat - Category: 5	3,160.00, Rabbit - Category: 5	No data available	No data available	No data available
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	6,800.00, Rat - Category: NA	3,400.00, Rabbit - Category: 5	No data available	No data available	No data available
C10-C13 Hydrocarbons - (68551-17-7)	3,460.00, Rabbit - Category: 5	1,540.00, Rat - Category: 4	No data available	No data available	No data available

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

Classification	Category	Hazard Description
Acute toxicity (oral)	---	Not Applicable
Acute toxicity (dermal)	---	Not Applicable
Acute toxicity (inhalation)	---	Not Applicable
Skin corrosion/irritation	---	Not Applicable
Serious eye damage/irritation	2	Causes serious eye irritation.
Respiratory sensitization	---	Not Applicable
Skin sensitization	---	Not Applicable
Germ cell mutagenicity	---	Not Applicable
Carcinogenicity	---	Not Applicable
Reproductive toxicity	---	Not Applicable
STOT-single exposure	3	May cause drowsiness or dizziness.
STOT-repeated exposure	---	Not Applicable
Aspiration hazard	---	Not Applicable

12. Ecological information

12.1. Toxicity

Toxic to aquatic life

Aquatic Ecotoxicity

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Ingredient	96 hr LC50 fish, mg/l	48 hr EC50 crustacea, mg/l	ErC50 algae, mg/l
Petroleum gases, liquefied, sweetened - (68476-86-8)	Not Available	Not Available	Not Available
Acetone - (67-64-1)	100.00, Pimephales promelas	10.00, Daphnia magna	20.565 (72 hr), Ulva pertusa
N-Butyl Acetate - (123-86-4)	18.00, Pimephales promelas	32.00, Artemia salina	674.70 (72 hr), Scenedesmus subspicatus
Chromic acid (H ₂ CrO ₄), zinc salt (1:1) - (13530-65-9)	Not Available	Not Available	Not Available
Aliphatic Hydrocarbon - (64742-49-0)	Not Available	2.60, Chaetogammarus marinus	Not Available
Solvent naphtha (petroleum), light aromatic - (64742-95-6)	9.22, Oncorhynchus mykiss	6.14, Daphnia magna	19.00 (72 hr), Selenastrum capricornutum
C10-C13 Hydrocarbons - (68551-17-7)	Not Available	Not Available	Not Available

12.2. Persistence and degradability

There is no data available on the preparation itself.

12.3. Bioaccumulative potential

Not Measured

12.4. Mobility in soil

No data available.

12.5. Results of PBT and vPvB assessment

This product contains no PBT/vPvB chemicals.

12.6. Other adverse effects

No data available.

13. Disposal considerations

13.1. Waste treatment methods

Observe all federal, state and local regulations when disposing of this substance.

14. Transport information

	DOT (Domestic Surface Transportation)	IMO / IMDG (Ocean Transportation)	ICAO/IATA
14.1. UN number	UN1950	UN1950	UN1950
14.2. UN proper shipping name	UN1950, Aerosols, Limited Quantity, 2.1,	Aerosols, Limited Quantity	Aerosols, Limited Quantity

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14.3. Transport hazard class(es)	DOT Hazard Class: 2.1	IMDG: 2.1	Air Class: 2.1
14.4. Packing group	Not Applicable	Not Applicable	Not Applicable
14.5. Environmental hazards			
IMDG	Marine Pollutant: No		
14.6. Special precautions for user			
No further information			

15. Regulatory information

Regulatory Overview	The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented.
Toxic Substance Control Act (TSCA)	All components of this material are either listed or exempt from listing on the TSCA Inventory.
WHMIS Classification	A D2B
US EPA Tier II Hazards	Fire: No Sudden Release of Pressure: Yes Reactive: No Immediate (Acute): Yes Delayed (Chronic): No
EPCRA 311/312 Chemicals and RQs (lbs):	
Acetone	(5,000.00)
N-Butyl Acetate	(5,000.00)
EPCRA 302 Extremely Hazardous : (No Product Ingredients Listed)	
EPCRA 313 Toxic Chemicals:	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	
Proposition 65 - Carcinogens (>0.0%):	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	
Proposition 65 - Developmental Toxins (>0.0%):	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	
Proposition 65 - Female Repro Toxins (>0.0%):	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	
Proposition 65 - Male Repro Toxins (>0.0%):	
Chromic acid (H ₂ CrO ₄), zinc salt (1:1)	

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N.J. RTK Substances (>1%):

Acetone
N-Butyl Acetate
Chromic acid (H₂CrO₄), zinc salt (1:1)

Penn RTK Substances (>1%):

Acetone
N-Butyl Acetate
Chromic acid (H₂CrO₄), zinc salt (1:1)

16. Other information

The information and recommendations contained herein are based upon data believed to be correct. However, no guarantee or warranty of any kind, expressed or implied, is made with respect to the information contained herein. We accept no responsibility and disclaim all liability for any harmful effects which may be caused by exposure to our products. Customers/users of this product must comply with all applicable health and safety laws, regulations, and orders.

The full text of the phrases appearing in section 3 is:

H220 Extremely flammable gas.
H225 Highly flammable liquid and vapor.
H226 Flammable liquid and vapor.
H280 Contains gas under pressure; may explode if heated.
H304 May be fatal if swallowed and enters airways.
H312 Harmful in contact with skin.
H319 Causes serious eye irritation.
H336 May cause drowsiness and dizziness.

This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.

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